



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 8143

Bib Data Sheet

SERIAL NUMBER 10/671,238	FILING DATE 09/24/2003 RULE	CLASS 438	GROUP ART UNIT 2818	ATTORNEY DOCKET NO. 2500100-990131
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

APPLICANTS

Dennis R. Hollars, San Jose, CA;

** CONTINUING DATA *****

This appln claims benefit of 60/435,814 12/19/2002 *yes*
 and claims benefit of 60/415,009 09/30/2002

** FOREIGN APPLICATIONS *****

N/A

** SMALL ENTITY **

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature <i>He</i> Initials	STATE OR COUNTRY CA	SHEETS DRAWING 15	TOTAL CLAIMS 80	INDEPENDENT CLAIMS 5
--	--	---------------------------	-------------------------	-----------------------	----------------------------

ADDRESS

26379
 GRAY CARY WARE & FREIDENRICH LLP
 2000 UNIVERSITY AVENUE
 E. PALO ALTO , CA
 94303-2248

TITLE

Manufacturing apparatus and method for large-scale production of thin-film solar cells

FILING FEE RECEIVED 999	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---